

FIG. 1



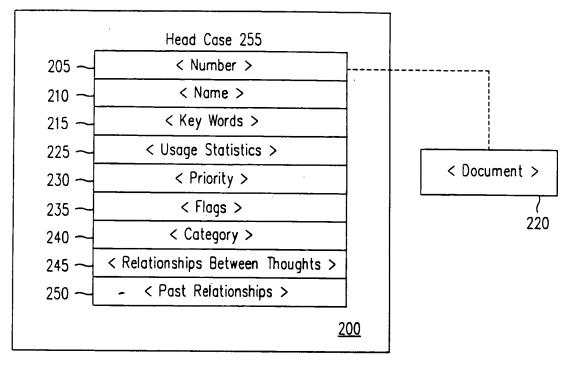


FIG. 2

	710
Properties	
	Cortex
Key Words	software brain metaphors thoght innovative
Category	Company 🗸 Categories
Created: Modified:	May 30, 96, 09:57:13 PM
Total Tim	e: 0 days, 01.06.59 <u>H</u> istory
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FIG. 7

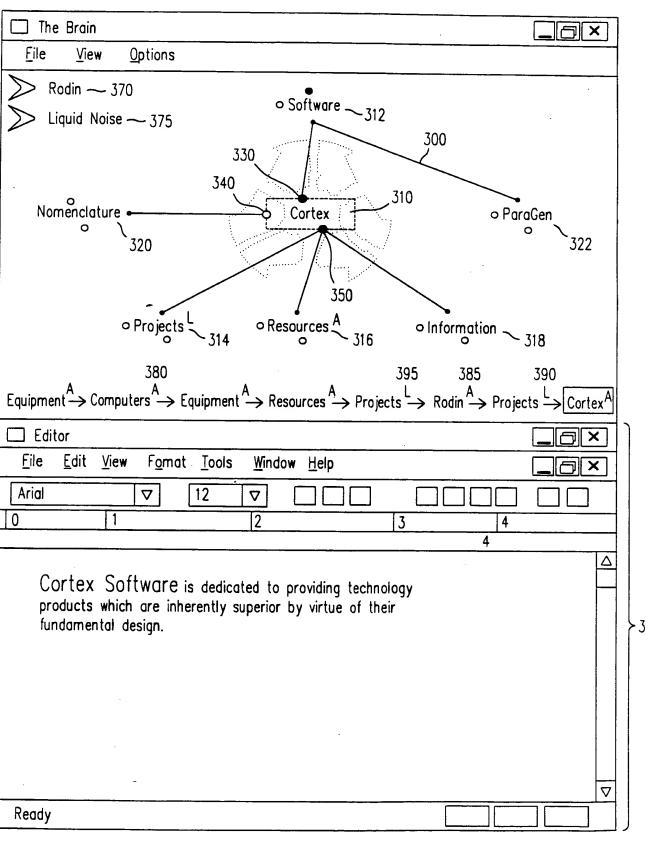


FIG. 3

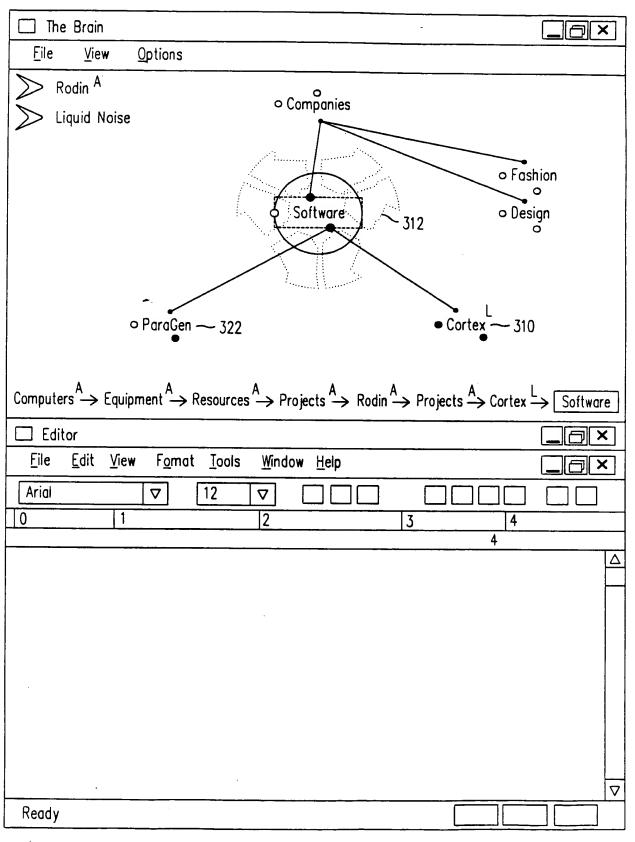


FIG. 4

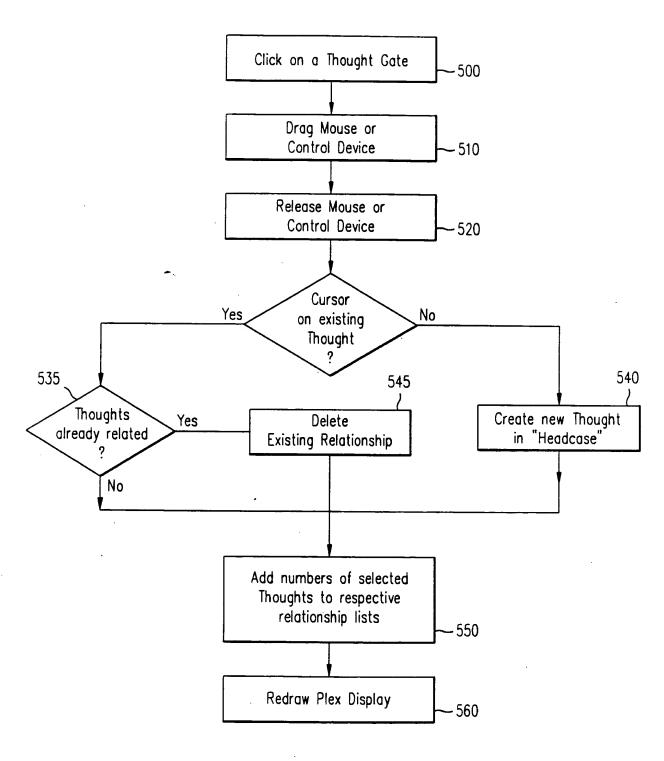


FIG. 5

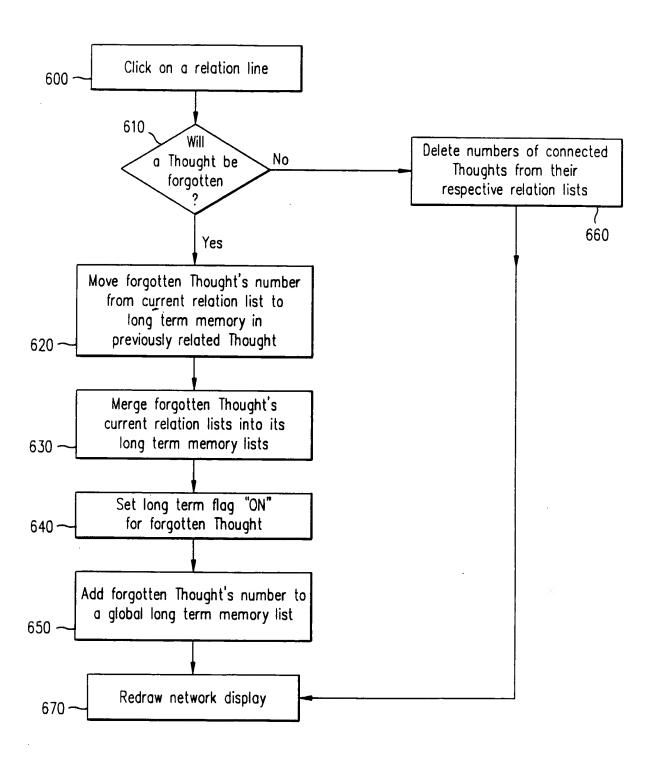


FIG. 6

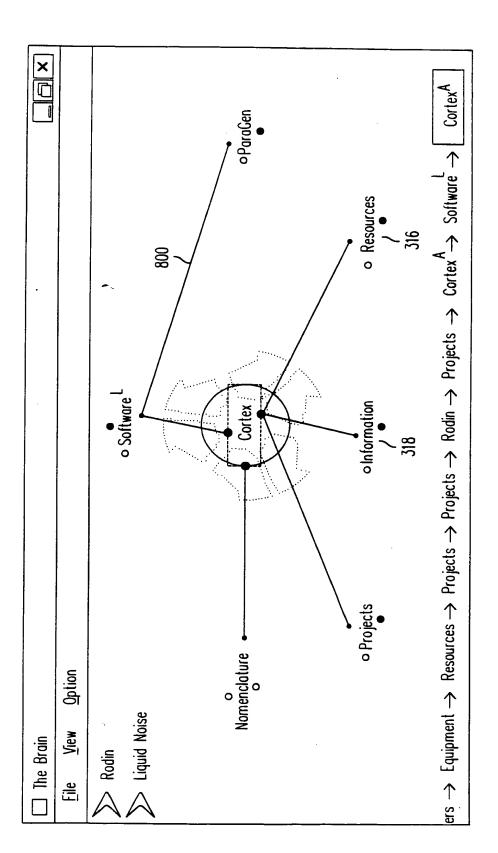


FIG. 8

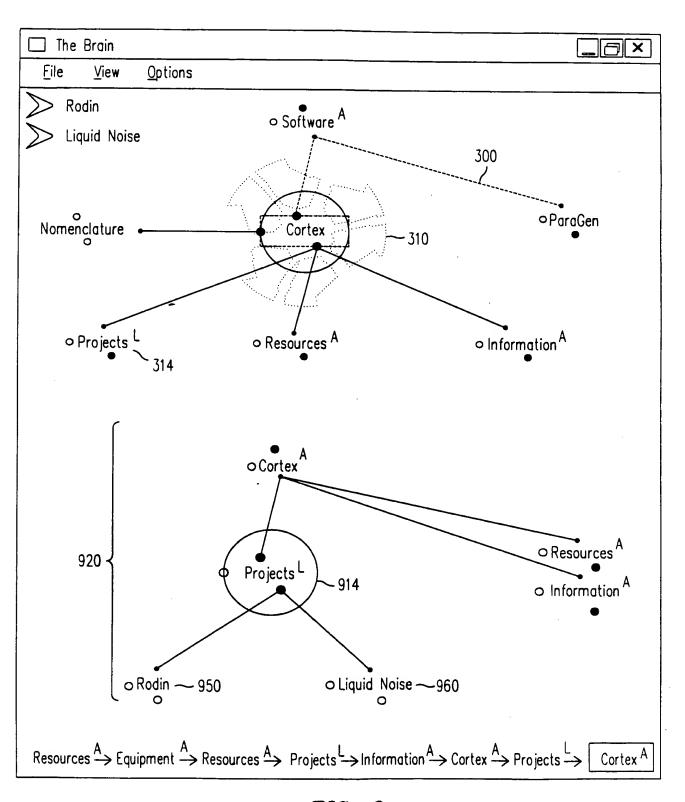


FIG. 9

```
boolean CheckForlsolation(int centralThought, int targetThought)
      // this function checks if centralThought is related to targetThought
      // via any of targetThought's relations (not directly)
      //remove centralThought as a direct relation from targetThought
      RemoveRelation(targetThought, centralThought);
      // create an empty thought list to keep track of the search
        intList searchList=CreateEmptyList();
      // start recursive searches on each of targetThought's direct relations
        int relation=GetFirstRelation(targetThought);
        boolean found;
        do {
                 found=Search(relation, centralThought, searchList);
                 if(found) {
                        //centralThought was found, no need to search any further
                        break;
               //this loop will end when there are no more relations
      } while(relation=GetNextRelation(targetThought);
     //add centralThought back onto targetThought as a relation
      AddRelation(targetThought, centralThought):
      return found;
```

FIG. 10a

Figure 10, cont'd

```
boolean Search(source, dest, seachList)
        if(Find(source, searchList)) {
               //source has already been searched
               return FALSE;
        //add source to the searchList
        Add(source, searchList)
        if(source = dest) {
          //this is the destination, we have found it
               return TRUE;
       //recursive searches on each of sources direct relations
        int relation=GetFirstRelation(source);
        boolean found;
        do {
               found=Search(relation, dest, searchList);
               if(found) {
                       //centralThought was found, no need to search any further
                       break;
              //this loop will end when there are no more relations
        } while(relation=GetNextRelation(targetThought);
            return found;
```

FIG. 10b

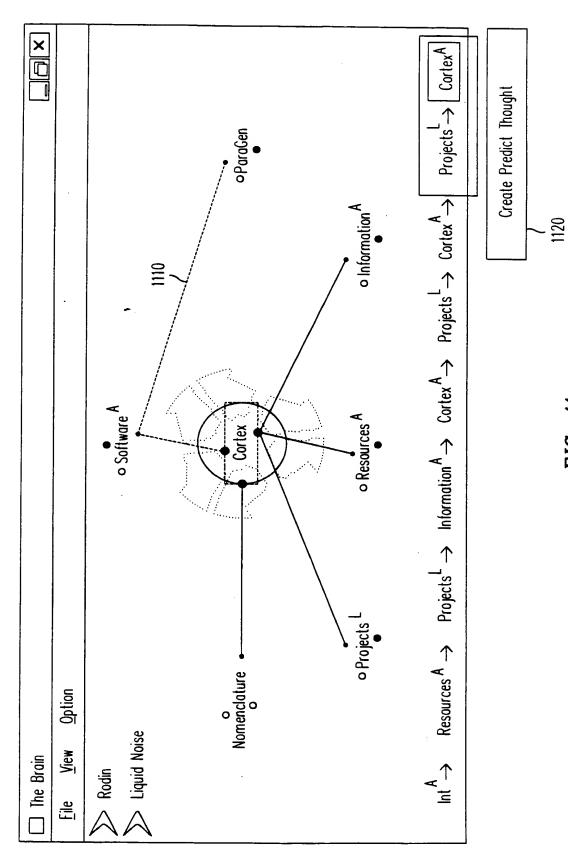


FIG. 11

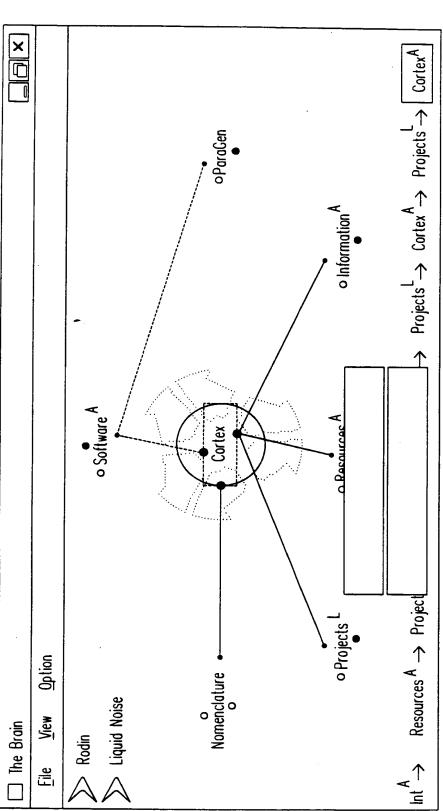
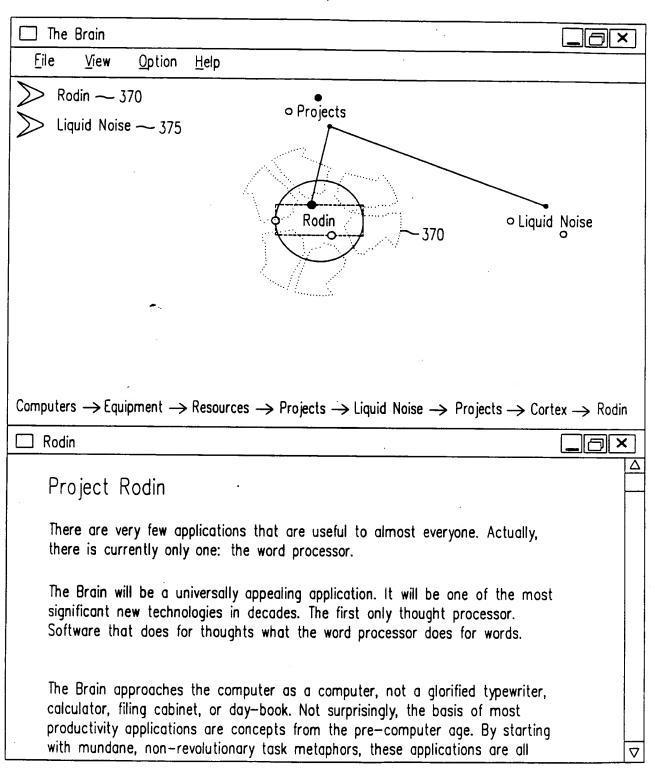


FIG. 12



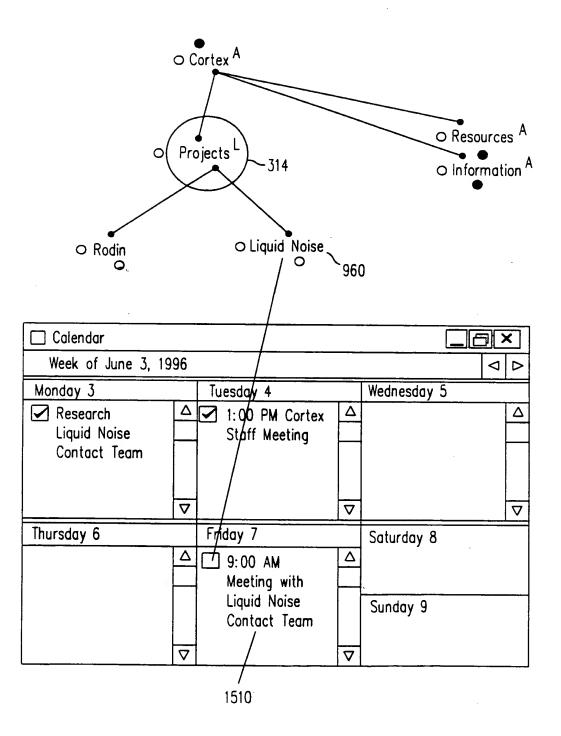


FIG. 15

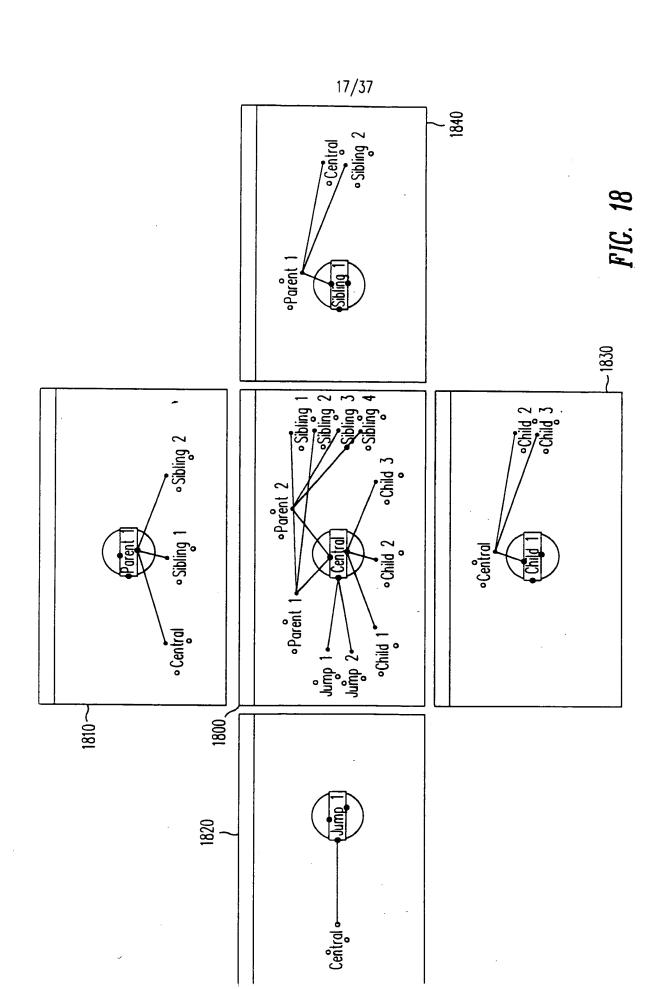
.brn file header information signature version thought size number of thoughts other thought number preference information signature color preferences speeds times locations other preferences thought data thought 1 number children parents jumps name location keywords category events time active time created time modified time accessed time forgotten access category priority calendar event info is blank current version number thought 2 thought 3

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```
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ForgetThought (fNum)
  //mark all the children of the selected thought
   list.Clear();
   MarkChildren (fNum, list);
  //unmark the active thought
  list, RemoveThought (activeThought);
  //unmark thoughts with unmarked parents
  INum = list.GetFirstNum();
   while(INum != 0)
      if(INum != fNum)
                          //don't unmark the selected thought
       pNum = GetFirstThoughtParent (INum);
       while(pNum != 0)
                                                              MarkChildren(rNum, list);
         if(list.Contains(pNum) == FALSE)
                                                             // remember all the thoughts on the list
                                                             1Num = list.GetFirstNum();
                                                             while(INum != 0)
         if(lsThoughtInLongTermMemory (pNum) == FALSE)
                                                                RememberThought(INum);
        //unmark all the children of the unmarked parent
                                                                1Num = list.GetNextNum();
        childList.Clear();
         MarkChildren(pNum, childList);
                                                            MarkChildren(num, list)
         list.RemoveList(childList);
                                                              list.AddThought(num);
     pNum = GetNextThoughtParent(INum);
                                                              cNum = GetFirstChild(num);
                                                              while(cNum != 0)
  1Num = list.GetNextNum();
                                                                MarkChildren(cNum, list);
                                                                cNum = GetNextChild(num);
      //now forget all the thoughts left on the list
      1Num = list.GetFirstNum();
       while(INum != 0)
       ForgetThought(INum);
       1Num = list.GetNextNum();
    Remember Thought (rNum)
```

//mark all the children of the selected thought

list.Clear();



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Database	
	Cortex
Key Words	software brain metaphors thought innovative
Categories	Company ▽ Categories
Address	9701 West Pico Blvd. #205
City	Los Angeles
State	CA
ZIP	90035
Telephone	310-552-2541
Fax	310-552-2841
e-mail	cortex@cinenet.net

FIG. 14

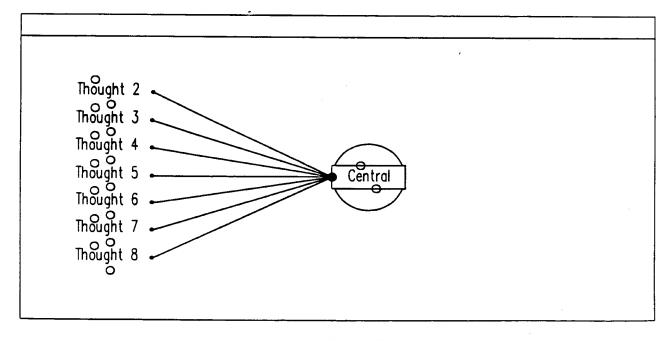


FIG. 19



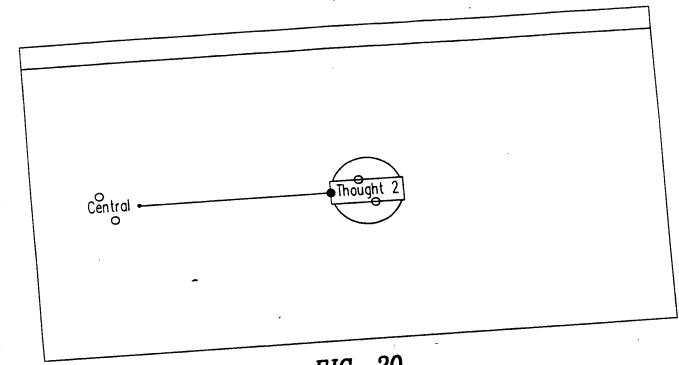


FIG. 20

Spider Site Name:	Lycos http://www.lycos.com/	Depth 2 →
Location.	11(4)-77	Add Redundant Add Non-Local Spider Non-Local
		Start
		Stop
Done		Close

FIG. 35

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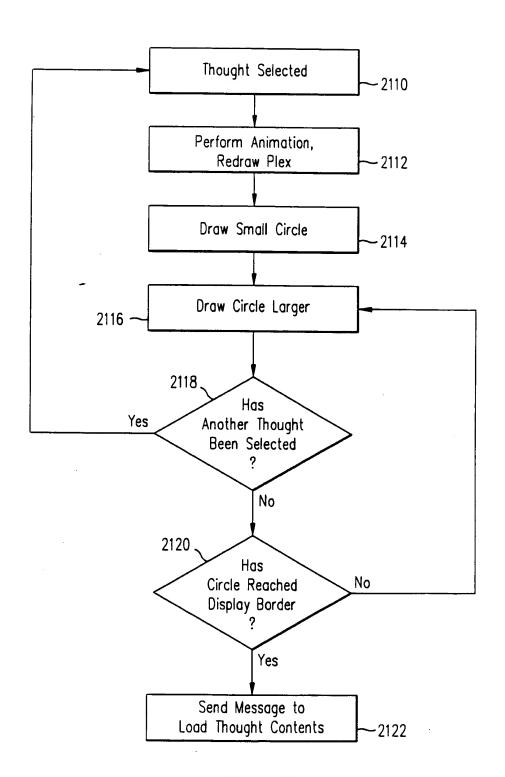


FIG. 22

Algorithm for drawing the plex with distant thoughts

1.		Create a list of thoughts to be drawn and their on screen locations:
	2.	Add the central thought to the list.
	3.	Add children to the list.
	4.	Add parents to the list.
	5.	Add jumps to the list.
	6.	Add siblings to the list, checking first that they are not already on the list.
	7.	Add distants of children to the list, checking first that they are not already on the list.
	8.	Add distants of parents to the list, checking first that they are not already on the list.
	9.	Add distants of jumps to the list, checking first that they are not already on the list.
	10.	Add distants of siblings to the list, checking first that they are not already on the list.
11.		Draw the lines that connect each thought:
	12.	For each item in the list:
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		13. Get each item in the list:
		14. If the two items are related, draw lines
		between them from and to the appropriate
		gates.
15.		Draw the distant thoughts:
	16.	For each item in the list:
		17. If it is a distant thought, draw it.
18.		Draw the other thoughts:
	19.	For each item in the list:
		20. If it is not a distant thought, draw it.

FIG. 23

```
line connects the method for searching thoughts
                                                      23/37
  lines to find a route from nSrc to nDest other than a direct relation
  returns TRUE if found
  boolean Search(int nSrc. int nDest)
      //create the lists
     ThoughtList posList;
                               list of thoughts that possibly connect
     ThoughtList notList;
                               list of thought that do not connect
     //empty the lists
     posList.Initialize();
     notList.Initialize();
     //add the source to the not list since we cannot go directly to the destination
     notList.Add(nSrc);
    //since we cannot go directly to the destination,
    //add all relates except the destination to the possible list
     Thought src(nSrc);
     for(int n = 0; n++)
          int nRel = src.GetRelate(n);
          if(!nRel)
                                                               int nRel = test.GetRelate(n);
                //no more relations, done
                                                               if(!nRel)
                break;
                                                                        //no more relations, done
         if(nRel != nDest)
                                                                         break:
               //add it to the possibly connect list
                                                              if(!notList.Exists(nRel))
               posList.Add(nRel);
                                                                    //not checked yet, add to possible list
                                                                         posList.Add(rel);
while(TRUE)
        //check the first possibility
                                                                 //remove this one from the possible list
        int nTest = posList.GetFirst();
                                                                    posList.Remove(nTest);
        if(!nTest)
                                                              //we've checked everything there is
                //nothing on the list, done
                                                                 no other way to get from nSrc to nDest
                break:
                                                                return FALSE:
       Thought test(nTest);
       if(test.lsRelated(nDest))
               //this one is related to the destination, we're done
               return TRUE:
      //does not connect, add it to the does not connect list
      notList.Add(nTest);
     //add all related thoughts except those already checked to possible list
     for(int n = 0; ;++)
```

FIG. 24

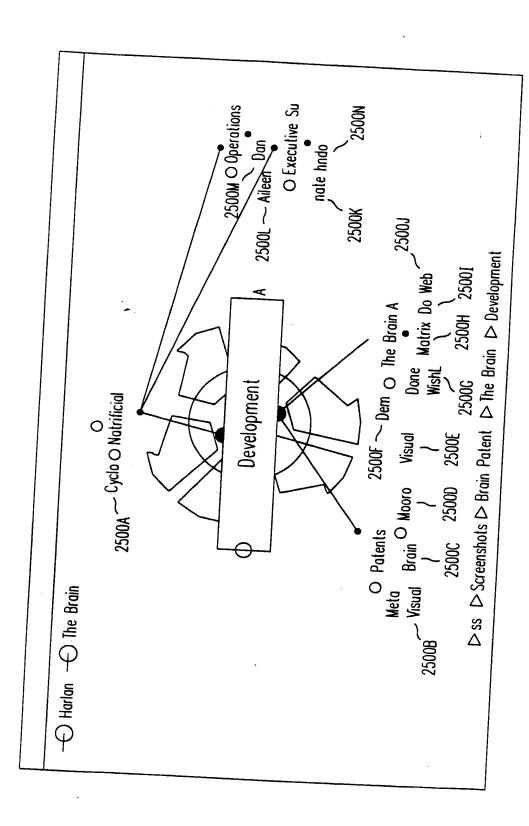


FIG. 25

FIG. 26

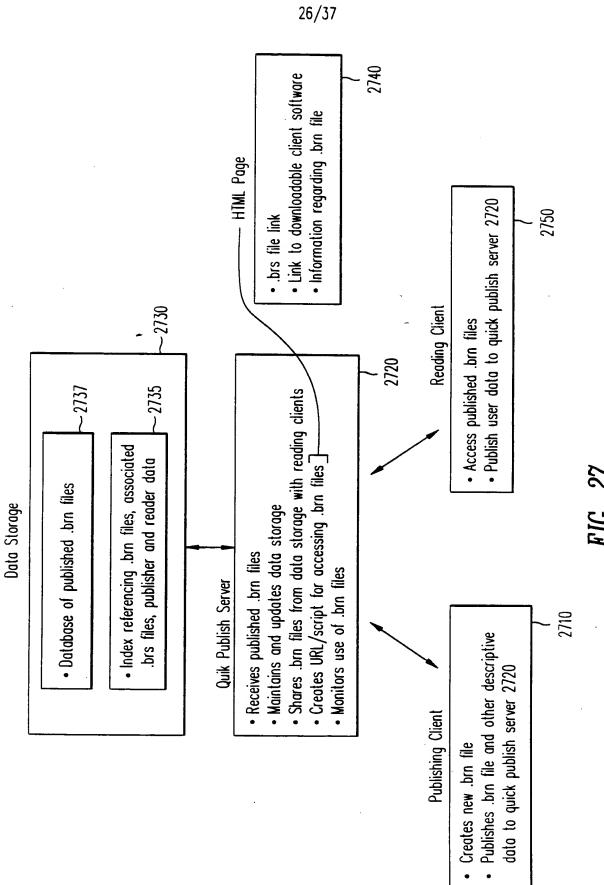


FIG. 27

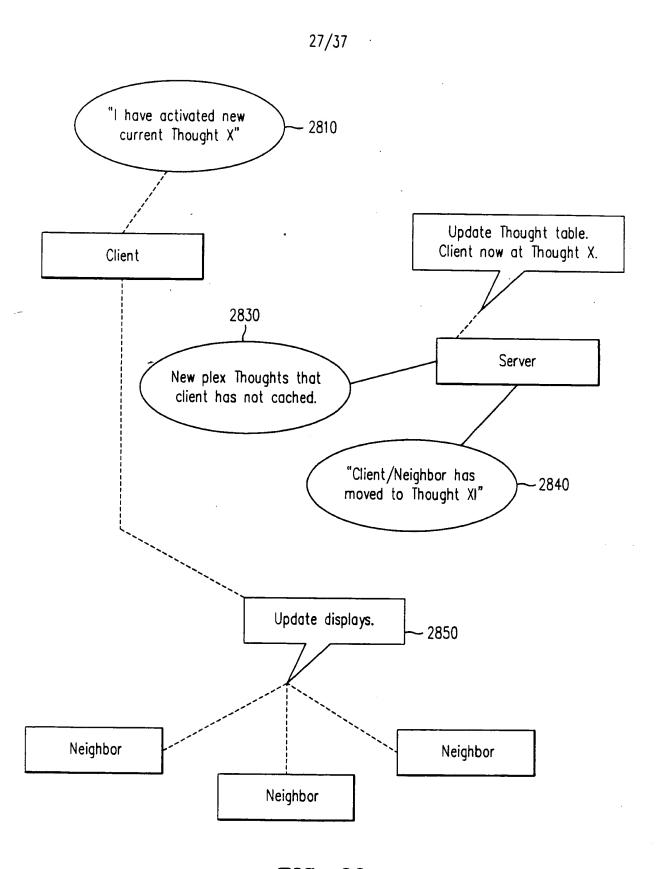
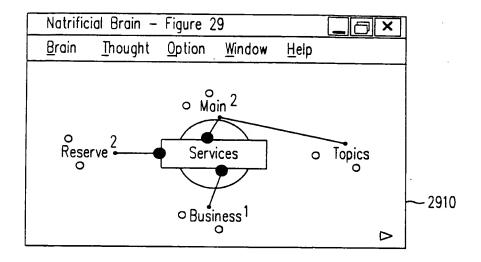
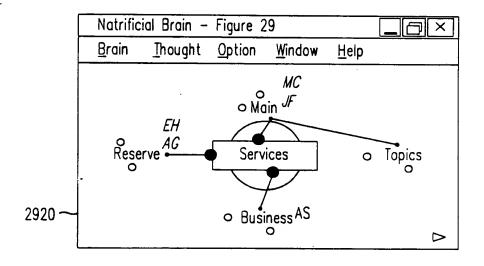


FIG. 28

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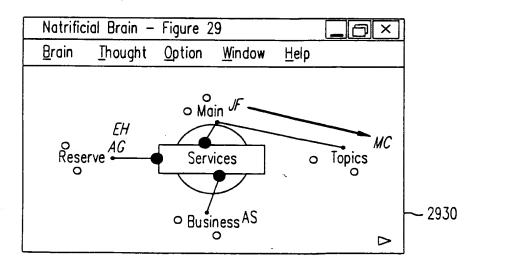


FIG. 29

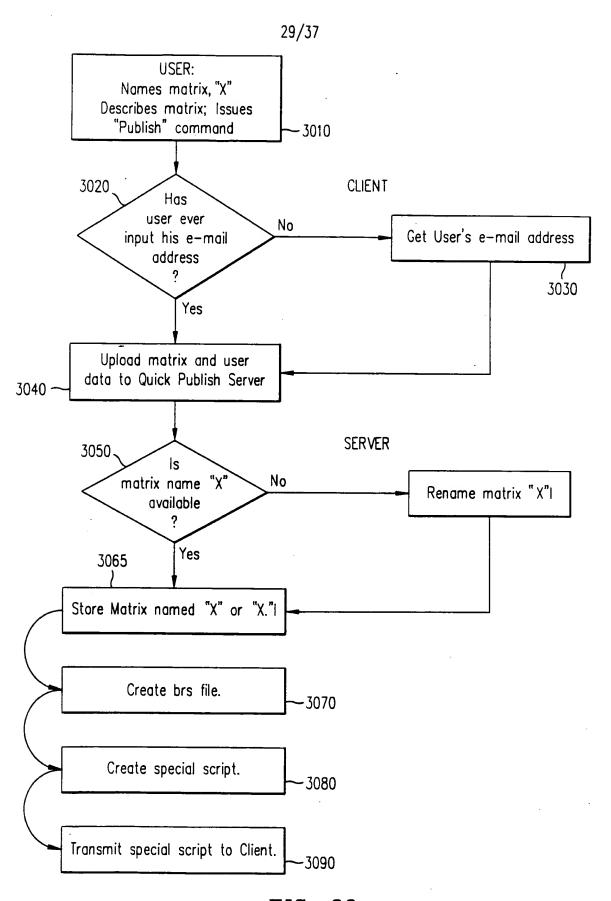
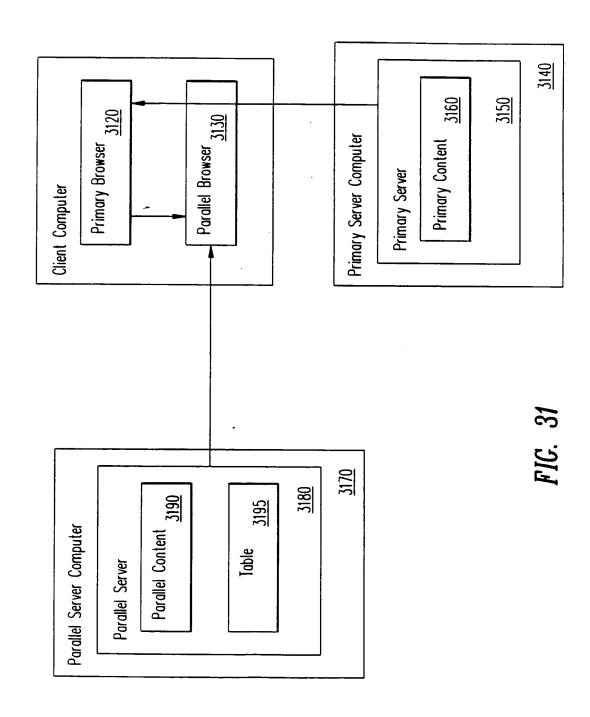


FIG. 30



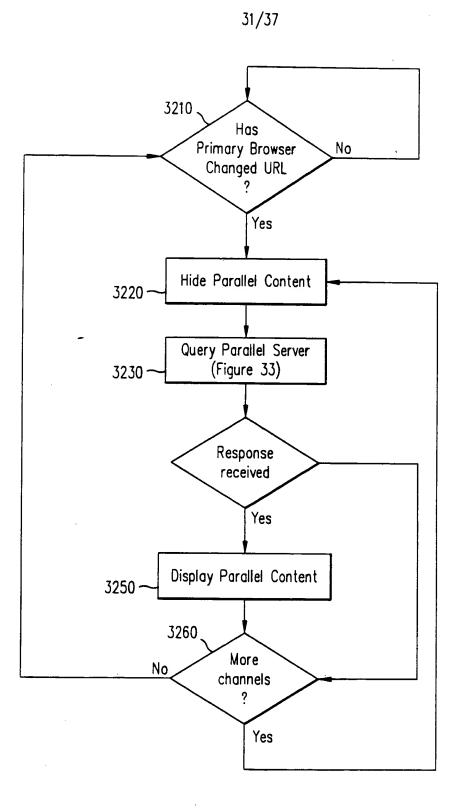


FIG. 32

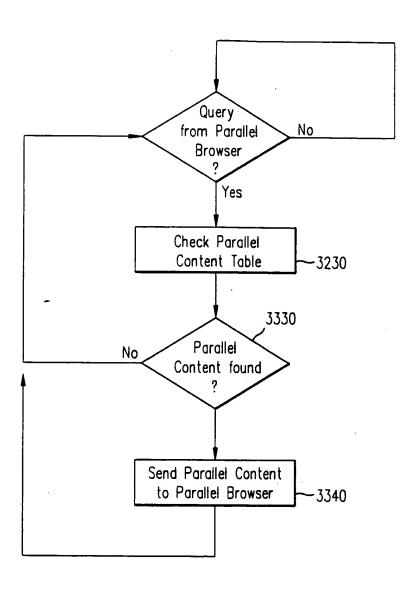
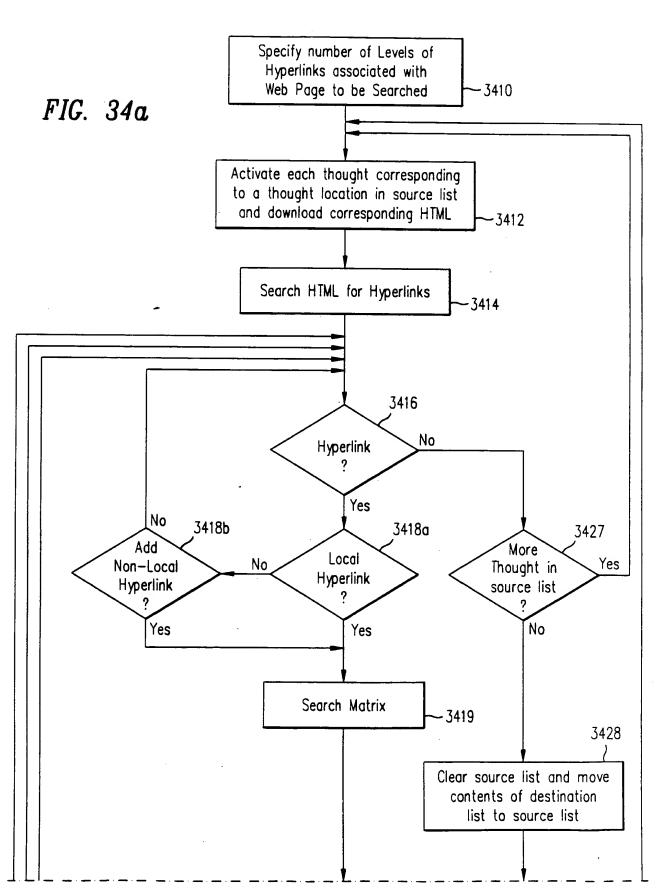
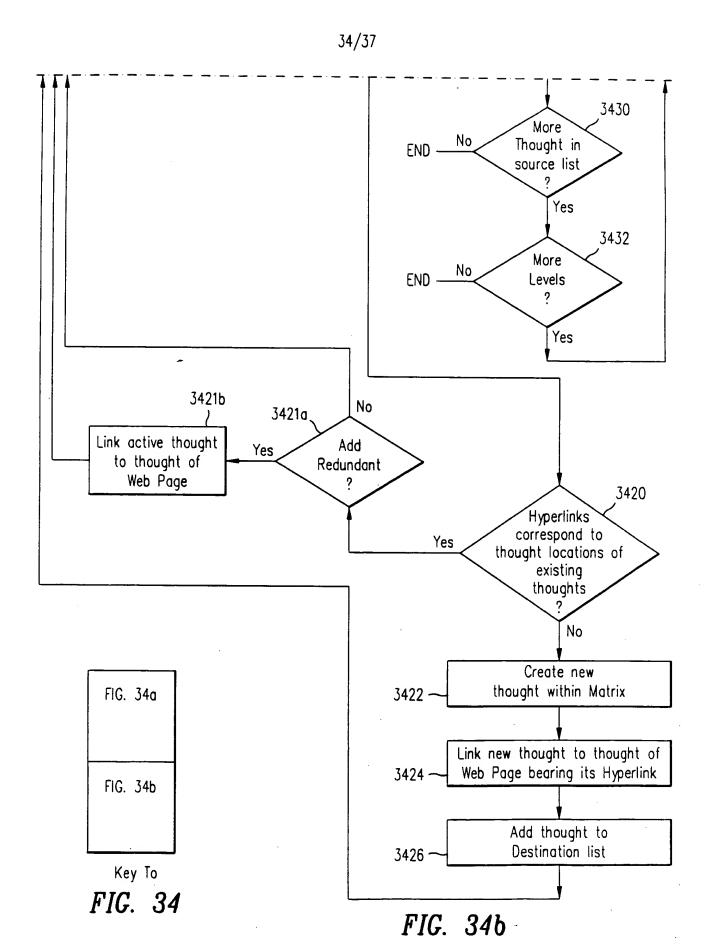


FIG. 33





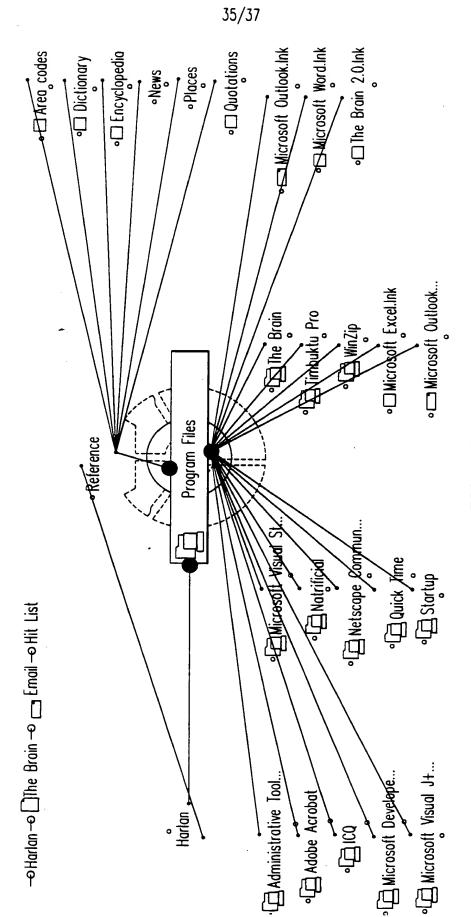


FIG. 36

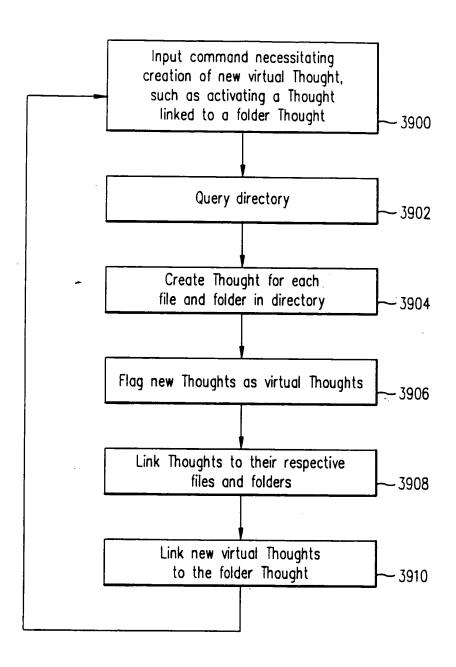


FIG. 37

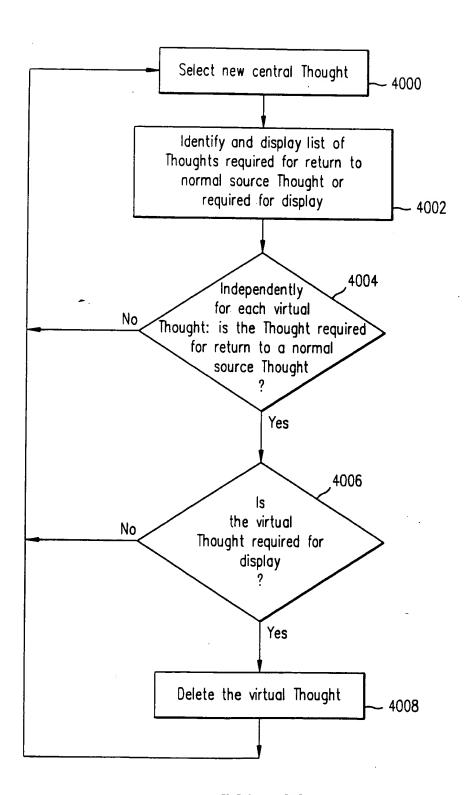


FIG. 38